

INTERNATIONAL SEARCH REPORT

International Application No

PCT/AT2004/000119

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E04H15/18 E04H15/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E04H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 596 807 A (TRIGANO CIE INTERNATIONALE AND) 11 May 1994 (1994-05-11)	1,5,9, 14,16, 17,20,22
Y	claim 1; figures 2,18,24	10,21
X	FR 1 548 635 A (PAQUIEN, PAUL; DECRET, GILBERT) 6 December 1968 (1968-12-06)	1,5, 14-17, 22,24-28
	the whole document	
X	DE 33 20 212 A (KRAESS HANS DIPL ING FH; REISINGER GERHARD DIPL ING FH) 15 March 1984 (1984-03-15)	1-7,12, 14-17,22
Y	the whole document	27,28
X	DE 33 10 895 A (MENERINGHAUSEN MAX) 25 October 1984 (1984-10-25)	1-7,12, 14-17,22
	claim 1; figures 7,8	
	--- -/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

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P document published prior to the international filing date but later than the priority date claimed

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

9 July 2004

Date of mailing of the international search report

19/07/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 021 834 A (BRITISH PETROLEUM CO PLC) 7 January 1981 (1981-01-07) claim 1; figures 4,11 -----	1,3-7, 12,14, 16-18, 22,24,25
Y	DE 36 07 296 C (DIMASTROGIOVANNI SALVATORE) 5 November 1987 (1987-11-05) claim 4 -----	10
A	US 3 375 321 A (NIKOLAUS LAING) 26 March 1968 (1968-03-26) figure 2a -----	13
Y	US 4 297 813 A (FARRELL JAMES J ET AL) 3 November 1981 (1981-11-03) claim 1 -----	21
Y	FR 2 117 339 A (LEMFORDER ORCHIDEENZUCHT) 21 July 1972 (1972-07-21) figure 3 -----	27,28

INTERNATIONAL SEARCH REPORT
Information on patent family members

International Application No

PCT/AT2004/000119

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0596807	A	11-05-1994	FR 2697862 A1 AT 165413 T DE 69318103 D1 DE 69318103 T2 EP 0596807 A1 ES 2115038 T3	13-05-1994 15-05-1998 28-05-1998 29-10-1998 11-05-1994 16-06-1998
FR 1548635	A	06-12-1968	NONE	
DE 3320212	A	15-03-1984	DE 3320212 A1	15-03-1984
DE 3310895	A	25-10-1984	DE 3310895 A1	25-10-1984
EP 0021834	A	07-01-1981	DE 2925637 A1 EP 0021834 A1 ES 8201250 A1 WO 8100126 A1 JP 56500723 T NO 810522 A	15-01-1981 07-01-1981 01-03-1982 22-01-1981 28-05-1981 16-02-1981
DE 3607296	C	05-11-1987	DE 3607296 C1	05-11-1987
US 3375321	A	26-03-1968	DE 1223773 B	01-09-1966
US 4297813	A	03-11-1981	NONE	
FR 2117339	A	21-07-1972	DE 2059832 A1 DE 2152571 A1 AU 3646571 A BE 776251 A1 FR 2117339 A5 IT 943705 B NL 7116655 A ZA 7108118 A	22-06-1972 26-04-1973 07-06-1973 04-04-1972 21-07-1972 10-04-1973 06-06-1972 30-08-1972